M.R.O. 16-5,450-28-10-25.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 557, Press ~~Mis.~~

97 98

Dated 5 — 3 — 1867.

Not to be folded or roughly handled

No. 97. Read the following :—

Report on the number, distribution, and condition of Chinchona plants on the Neilgherries on the 31st January 1867.

	Botanical names.	Commercial names.	No. of plants.	Value per lb. of dry bark in the London Market.	Remarks.
				s. d. s. d.	
1	C. Succirubra	Red Bark	8,59,545	2 6 to 8 9	The total number of plants permanently planted out in the plantations remain the same as in last month, viz., 4.01 211. The increase by propagation is 25,000, being 76,974 plants under the average of the last six months, making the total number 18,10,303.
2	C. Calisaya .. Frutex .. Vera	Yellow Bark	40,421	2 10 to 7 0	
3	C. Officinalis .. .. A. Urtusinga	Original Loxa Bark	87,509	2 10 to 7 0	
	.. .. B. Condamenia	Select Crown Bark.	7,87,903	2 10 to 7 0	
	.. .. S. Crispa ...	Fine Crown Bark...	4,380	2 10 to 6 0	
4	C. Lancifolia	Pitayo Bark	304	1 8 to 2 10	
5	C. Nitida	Genuine Grey Bark.	2,786	1 8 to 2 9	
6	C. Species without name.	Fine Grey Bark ...	8,500	1 8 to 2 10	
7	C. Micrantha	Grey Bark	15,141	1 8 to 2 9	
8	C. Peruviana	Finest Grey Bark...	3,389	1 8 to 2 10	
9	C. Pahudiana... ...	Unknown	425	Unknown.	
		Total number of plants...	18,10,303		

TABLE II.—Memorandum of the growth of eleven plants of C. Succirubra, planted on the 2nd Denison Plantation at Neddivuttum on the 30th August 1862.

No. of plants.	Height in inches when planted on the 30th August 1862.	Height in inches on the 31st Dec. 1866.	Height in inches on the 31st Jan. 1867.	Growth in inches during Jan. 1867.	By whom planted.
1	23	145½	146½	1	Sir W. Denison.
2	16½	130	131¼	1¼	
3	19	135½	137½	1¾	
4	15	123½	124½	1	
5	27	148½	149½	1	
6	20	114	115½	1½	
7	20	129	130½	1½	J. W. Breeks, Esq.
8	18	135	135¾	¾	Dr. Sanderson.
9	20	138½	139½	1	J. D. Sim, Esq.
10	20	146	146¾	¾	Lieutenant McLeod.
11	18	128	129½	¾	P. Grant, Esq.
12	...	91½	92½	1	Plant cut down for bark.

Table II. exhibits the growth of eleven plants of C. Succirubra, planted out by Sir W. Denison and other gentlemen at Neddivuttum on the 30th August 1862. The average growth of these plants during the month is about one inch, or $\frac{1}{11}$ths of an inch above the growth of last month.

One of the two plants cut down on the 20th of March 1863 for the bark

TABLE III.—Shewing the height of twelve plants of C. Officinalis, planted on the Dodabetta Plantation at Ootacamund on the 30th September 1863.

No. of plants.	Height in inches when planted on the 30th Sept. 1863.	Height in inches on the 31st Dec. 1866.	Height in inches on the 31st Jan. 1867.	Growth in inches during Jan. 1867.
1	19			
2	14½	124½	124½	½
3	28	111½	112	½
4	22	126½	127	½
5	21½	121½	122½	½
6	28	132	132½	½
7	22½	135	135½	½
8	21½	121½	122	½
9	21½	122½	122½	½
10	19	129½	129½	½
11	24	125½	126	½
12	24	128½	128½	½
		131	131½	½

TABLE IV.—Register of Chinchona plants distributed.

Names.	Stations.	No. of plants.
Mr. F. N. Maltby	Trevandrum	16
Dr. Junghun	Java	56
Mr. A. R. Lascelles	Ootacamund	12
Mr. M. Anderson	Jamaica	2
Dr. Wiche	Bombay	10
Dr. T. Anderson	Calcutta	554
Dr. Jamieson	Saharanpore	107
Professor Lees	Calcutta	547
Rajah of Travancore ...	Travancore	521
Major Morgan	Ootacamund	1,534
Mr. E. T. Fitzgerald ...	Calcutta	558
Mr. J. W. B. Money ...	Do.	1,369
Mr. W. Bourne	Do.	532
Captain Cox	Wynaad	6
Mr. Hollock	Do.	2
Mr. T. Sheffield	Ootacamund	12
Dr. F. Day	Cochin	100
Mr. Brown	Tellicherry	12
Mr. J. Hall	Ootacamund	156
Mr. T. Knop	Do.	18
Captain Lees	Bengal	386
Mr. W. H. Rayne	Manantoddy	424
Reverend Sayers	Ootacamund	1,018
Mr. A. Frend	Do.	512
Mr. Hollock	Seegoor	1
Mr. J. Pierie	Ootacamund	12
Colonel Scott	Cachar	1,236
Mr. Berend	Coonoor	275
Reverend J. Hunter ...	Do.	12
Mr. T. Mullaly	Do.	160
Mr. W. H. Stanes	Kotagherry	1,262
Colonel R. Cooper	Do.	12
Mr. F. Cockburn	Coonoor	12
Colonel Woodfall	Do.	12
Mr. C. Anderson	Ootacamund	24
Colonel Angelo	Do.	12
Reverend E. Laseron ...	Coorg	12
Captain R. N. Taylor ...	Assam	96
Major W. Agnew	Madura	139
Mr. V. H. Levinge	Nagpore	12
Chief Commissioner of		28

submitted to Mr. Howard for analysis, has made strong shoots of 92½ inches in height, giving the growth of one inch during the month.

The twelve plants of C. Officinalis (a shrubby species) on the Dodabetta Plantation, gives an average growth of one-third of an inch, or about the same growth as last month.

Several plants of C. Succirubra, Calisaya, and Condamenia have furnished a good supply of fine seeds which are now germinating freely.

The season has been very favorable, the rains having continued to an unusually late period, our plants are consequently very healthy and robust for this season of year.

The total number of plants issued to the public up to date is 1,25,747. In addition to these large quantities of seeds have also been distributed.

TABLE IV.—Register of Chinchona plants distributed.—(Continued.)

Names.	Stations.	No. of plants.
Mr. Fletcher	Ootacamund	524
Gool Mahomed	Do.	20
General McCleverty	New Zealand	23
Mr. W. Robinson	Kotagherry	330
Mr. Clarke	Wynaad	12
Mr. H. R. Dawson	Seegoor	12
Captain Mann	Coorg	48
Mr. E. Roberts	Do.	530
Mr. H. Russell	Wynaad	52
Reverend Wait	Coonoor	2
Collector of Belgaum	Belgaum	28
Collector of Honore	Honore	28
Dr. Ross	Do.	15
His Excellency the Governor ...	Bombay	158
Mr. H. Hinde	Wynaad	12
Mr. E. B. Thomas	Coonoor	874
Rajah of Poonganoor ...	Poonganoor	36
Major Grant	Wellington	226
Messrs. Thomson, Shaw & Co. ...	Poonganoor	28
Mr. J. H. Trinson	Do.	31
Dr. Muller	Melbourne	28
Mr. Tyrrell	Mysore...	12
Dr. Sayers	Vellore	12
Major C. P. Taylor	Ootacamund	5,250
Doctor Wilson	Do.	6
Mr. Schnarrie	Do.	13,000
Captain Fuller	Coonoor	417
Dr. Drummond	Ootacamund	224
Captain Jennings	Do.	1,756
Lieut. H. B. Montmorency ...	Bangalore	6
Mr. McHutchin	Ootacamund	3
Colonel Molesworth	Do.	6
Mr. C. Gray	Coonoor	12
Mr. H. B Liddell	Ootacamund	12
Mr. Minchin	Wynaad	1,600
His Excellency the Governor ...	Vizagapatam	35
Mr. R. F. Phillips	Kotagherry	1,117
Colonel Cooke	Do.	24
Mr. G. J. Glasson	Wynaad	1,000
Dr. Macpherson	Mercara	400
Mr. W. H. Kerr...	Coorg	3,100
Mr. James	Ootacamund	1,000
Colonel Whish	Bengal	82
Mr. K. Mair	Calcutta	1,180
Mr. W. Shakespear	Do.	61
Mr. E. E Meakin	Do.	168
Mr. C. Ackland	Do.	150
Mr. K. McIver	Do.	124
Mr. Havelock	Ootacamund	12
Mr. H. deFacien	Kartairy	6,821
Major Sweet	Do.	910
Captain Campbell	Bangalore	6
Royal Gardens	Mauritius	36
Honorable W. R. Arbuthnot ...	Wynaad	93
Mr. H. Maxwell...	Bombay	50
Mrs. C. Smith	Wynaad	316
Captain Meekly	Wellington	200
Mr. Walsh	Salem	150
His Excellency the Governor General.	Java	175
Captain Richardson	Kulhutty	509
His Excellency the Governor ...	Madras	24

Proceedings of the Madras Government, Revenue Department, 5th March 1867.

TABLE IV.—Register of Chinchona plants distributed.—(Concluded.)

Names.	Stations.	No. of plants.
Mr. J. W. B. Money	Ootacamund	25,018
Captain Mitcheson	Do.	50
Mr. R. H. Elliot	Munjerabad	276
His Excellency the Governor General.	Goa	
Colonel Phayre	Rangoon	252
Mr. Ryal	Kotagherry	152
Mr. J. Gordon	Coonoor	24
Mr. J. Rohde	Neddivuttum	6,325
Mr. J. Higginbotham	Goodaloor	11,689
Mr. S. Pital	Mauritius	12
Mr. J. Horne	Do.	86
Mr. Edouard Cremary	Reunion	36
For the French Government ...	Algiers	51
Mr. J. B. Norton	Shevaroys	45
Mr. Mackay	Punjaub	50
Mr. W. Forsyth	Central Provinces ...	80
Colonel Cadell	Coorg	169
Mr. J. L. Browning	Wynaad	62
Mr. H. Leeds	Burmah	4
Maloo Sait	Do.	112
Mr. A. D. Brown...	Dimhutty	6
Mr. J. C. Misquith	Ootacamund	53
Mr. J. I. Transen	Coonoor	300
Captain Fitzgerald	Calcutta	8
Mr. Macpherson	Ootacamund	150
Major Travers	Do.	12
Mr. S. Prager	Vithry, Wynaad ...	5,000
Reverend Wengor	Kaity, Ootacamund ...	69
Mr. G. W. Forbes	Dhurmsala	2
Major C. Elliot	Mysore	55
Collector of Salem	Salem	5,044
Collector of Tinnevelly	Tinnevelly	100
Colonel Denison	Ootacamund	500
Conservator of Forests	Do.	550
Mr J. Ouchterlony	Do.	50
Mr. R. C. Elwin	Neddivuttum	300
Mr. Higginbotham	Goodaloor	12,510
Mr. Mullaly	Coonoor	16
	... ...	62
	Total number of plants...	1,25,747

OOTACAMUND,
23rd February 1867.

(Signed) W. G. McIVOR,
Supt. Govt. Chinchona Plantations.

No. 98.

ORDER THEREON, 5th March 1867, No. 551.

Miscellaneous

Ordered to be forwarded to the Supreme Government, and to the other Governments in India, as also to the Superintendent of Chinchona Plantations in Java, with the intimation that under the orders of the Secretary of State a half-yearly Return will be substituted in future for the present monthly report.

Ordered also to be laid on the Editor's Table.

(True Extract.)

Secretary to Government.

To the Superintendent Government Chinchona Plantations.
,, the ,, Central Museum
,, the ,, Chinchona Plantations, Java.
,, the Madras Horticultural Society.

Exd. S. T. Augustin.

Pro 5th February Rt. Nos 41 & 42

No 97 & 98

Rt. 557.

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5th March/67

Also Editor's table

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Pro of Govt for March
No. 515.

From the Supt. Govt Cinchona Plantations

Dated 23d July
Received 25th } 1867.

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Chinchona Report for Jany 1867 —

No 551. 5 March

with Order. —

1 Copy Latin Diplom. Govt. Chin. Plantation Dept. Wy.
2 ——— Central Museum &
1 ——— Chin. Plants Java. &
1 ——— Horticultural Society &